

What is Claimed is:

1. A scooter, comprising:

a scooter body;

a pair of rear wheels rotatably supported at a rear portion of said scooter body;

5 a transmission unit having an upper control portion positioned above said scooter body and a lower connecting portion extended underneath said scooter body;

a steering means affixed to said control portion of said transmission unit for driving said connecting portion thereof to rotate in clockwise and anti-clockwise directions;

10 a twister member having a driven portion connected to said connecting portion of said transmission unit;

a pair of driving wheels spacedly and rotatably mounted to said twister member wherein said two driving wheels are spaced apart from said driven portion of said twister member; and

15 a safety driving equipment, comprising:

a supporting arm frontwardly extended from said driven portion of said twister member; and

20 a safety wheel rotatably mounted to a free end of said supporting arm for supporting a front portion of said scooter body, so as to prevent said scooter from being flipped over.

2. The scooter, as recited in claim 1, further comprising an anti-flip member integrally extended from a bottom side of said rear portion of said scooter body for reducing a vertical clearance between said scooter body and said rear wheels.

3. The scooter, as recited in claim 1, further comprising an anti-flip member attached to a bottom side of said rear portion of said scooter body for reducing a vertical clearance between said scooter body and said rear wheels.

4. The scooter, as recited in claim 1, wherein said supporting arm is integrally extended from said twister member at said driven portion thereof and wherein said safety wheel is adapted to self-rotating 360 degrees with respect to said free end of said supporting arm.

5. The scooter, as recited in claim 2, wherein said supporting arm is integrally extended from said twister member at said driven portion thereof and wherein said safety wheel is adapted to self-rotating 360 degrees with respect to said free end of said supporting arm.

6. The scooter, as recited in claim 3, wherein said supporting arm is integrally extended from said twister member at said driven portion thereof and wherein said safety wheel is adapted to self-rotating 360 degrees with respect to said free end of said supporting arm.

7. The scooter, as recited in claim 1, wherein said scooter further comprises a pair of outwardly extended from two sides of said scooter body for rotatably connecting said two rear wheels, wherein each of said wheel arms has first end securely affixed to said respective side of said scooter body and a second end having an elongated cavity for rotatably mounting said respective rear wheel via an axle.

8. The scooter, as recited in claim 5, wherein said scooter further comprises a pair of outwardly extended from two sides of said scooter body for rotatably connecting said two rear wheels, wherein each of said wheel arms has first end securely affixed to said respective side of said scooter body and a second end having an elongated cavity for rotatably mounting said respective rear wheel via an axle.

9. The scooter, as recited in claim 6, wherein said scooter further comprises a pair of outwardly extended from two sides of said scooter body for rotatably connecting said two rear wheels, wherein each of said wheel arms has first end securely affixed to said respective side of said scooter body and a second end having an elongated cavity for rotatably mounting said respective rear wheel via an axle.

10. The scooter, as recited in claim 8, wherein said twister member having a triangularly shaped has a front end portion which is said driven portion connected to said connecting portion of said transmission unit and two rear side portions rotatably affixed said two driving wheels thereto.

5 11. The scooter, as recited in claim 9, wherein said twister member having a triangularly shaped has a front end portion which is said driven portion connected to said connecting portion of said transmission unit and two rear side portions rotatably affixed said two driving wheels thereto.

10 12. The scooter, as recited in claim 8, wherein said transmission unit is a shaft having a top end which is said driving portion of said transmission unit connected to said steering means and a bottom end which is said connecting portion of said transmission unit connected to said twister member, wherein said transmission unit is rotatably penetrated through said scooter body.

15 13. The scooter, as recited in claim 9, wherein said transmission unit is a shaft having a top end which is said driving portion of said transmission unit connected to said steering means and a bottom end which is said connecting portion of said transmission unit connected to said twister member, wherein said transmission unit is rotatably penetrated through said scooter body.

14. The scooter, comprising:

20 a scooter body;

a pair of rear wheels rotatably supported at a rear portion of said scooter body;

a transmission unit having an upper control portion positioned above said scooter body and a lower connecting portion extended underneath said scooter body;

25 a steering means affixed to said control portion of said transmission unit for driving said connecting portion thereof to rotate in clockwise and anti-clockwise directions;

a twister member having a driven portion connected to said connecting portion of said transmission unit;

a pair of driving wheels spacedly and rotatably mounted to said twister member wherein said two driving wheels are spaced apart from said driven portion of said twister member; and

an anti-flip member extended from a bottom side of a rear portion of said scooter body for reducing a vertical clearance between said scooter body and said rear wheels.

15. The scooter, as recited in claim 14, wherein said scooter further comprises a pair of outwardly extended from two sides of said scooter body for rotatably connecting said two rear wheels, wherein each of said wheel arms has first end securely affixed to said respective side of said scooter body and a second end having an elongated cavity for rotatably mounting said respective rear wheel via an axle.

16. The scooter, as recited in claim 15, wherein said anti-flip member is integrally extended from said bottom side of said rear portion of said scooter body.

17. The scooter, as recited in claim 15, said anti-flip member is securely attached to said bottom side of said rear portion of said scooter body.

18. The scooter, as recited in claim 15, wherein said supporting arm is integrally extended from said twister member at said driven portion thereof and wherein said safety wheel is adapted to self-rotating 360 degrees with respect to said free end of said supporting arm.

19. The scooter, as recited in claim 15, wherein said twister member having a triangularly shaped has a front end portion which is said driven portion connected to said connecting portion of said transmission unit and two rear side portions rotatably affixed said two driving wheels thereto.

20. The scooter, as recited in claim 19, wherein said transmission unit is a shaft having a top end which is said driving portion of said transmission unit connected to said steering means and a bottom end which is said connecting portion of said

transmission unit connected to said twister member, wherein said transmission unit is rotatably penetrated through said scooter body.

FIG. 20-continued